

EXECUTIVE SUMMARY 1/2

- Young Minos issues:
 - Deploying minos54 as replica database for Farm or Analysis
 - scaling to 5000 Grid jobs after Condor 7.4 upgrade this Thur
- Dcache/Enstore maintenance all day June 23 to move servers
- FermiMail (IMAP) migration this summer
- * SLF5 migration - minos50/51 this Thur Jun 16
- Database - minos-mysql2 back in service May 19, minos-mysql1 down Jun 9
- Bluearc issues
 - 30 more Tbytes coming this year
 - removed /minos/scratch symlink April 5
 - 4 day rolling snapshots of data and app being used
- * Do we use SAM Projects ? Shall we retire the Station ?

EXECUTIVE SUMMARY 2/2

- Control Room
 - * ReMote Station (RMS) wiki in Redmine
 - * CRL migrated to ECL, remove old CRL access by July
 - Your services account works in ECL
 - System Management by FEF coming soon
- Group accounts moving to /minos/app/home/
 - mindata, minosraw, minospro, minosana
 - will move minsoft and minfarm
- A 'guest' wireless network is still coming soon, no scanning (a toxic pool)
- Computing MOU with FNAL is drafted, being reformatted

GRID

- We are upgrading to Condor 7.4 , supported by Dennis Box (REX)
 - Workers are upgraded now, Master on June 16
- CPN - 6.7 million locks served to Minos
 - Locks slowed down early June, due to old log files
 - Affected Minerva in Feb, Minos in May, LBNE in June.
 - lock script is immune to logs now, deployed June 4
- Will start preparing to use shared jobsub scripts
 - /grid/fermiapp/common/condor
 - Will give us access to about 100 GPCF batch slots

Bluearc

- removed /minos/scratch link to /minos/app April 5 (off Grid since Jan 20)
 - still finding an occasional script using /minos/scratch
- We have a 4 day set of rolling snapshots of /minos/data and app for file recovery
 - /minos/data/.snaphot, /minos/app/.snapshot
 - Recovered 1 TB of important files June 6.
- Moved group account mindata to /minos/app/home, minfarm, minsoft soon
- * Is anyone still using SAM Projects ? Shall we retire the Sam Station ?
 - two projects since March, consuming 98 files (tagg, LinearityFit)

Enstore/DCache

- Enstore/DCache down all day Thursday June 23
 - moving servers off FCC1
 - will bring up PNFS/Enstore early
- Want to add 120 TB of disk based archive, for smaller files
- Pinning raw data files in Dcache pools, to limit tape access
- Administrators will consolidate old tapes (cedar era)

NUCOMP

- Minos Fermigrid quota is 1000
- REX is taking over Condor support from Ryan Patterson Jun 16
- We should test using shared 'jobsub' script
- REX working to make output files owned by user, not minosana
- Need to improve management of condor-exec and condor-tmp
 - Over 400K files in one users' exec area

FERMIMAIL

- http://computing.fnal.gov/xms/Services/Getting_Services/FermiMail
- Exchange 2010 IMAP server (not Exchange 2007)
- good browser and imap client compatibility
- Claimed excellent webmail interface
- Exchange 2007 now to mid July (from email.fnal.gov)
- Imap1/2/3 mid July to October

GPCF

- gpsn01 - shared Grid submission node is available for gpcf submissions
- minos-slf5 = minosgsvm01 runs SLF 5.4 , give it a try !
- minos-slf4 = minosgsvm02 runs SLF 4.7 32 bit kernel, replaces minos26

Minos Servers

- minos26 will be powered off very soon
- minos54 is being set up as our Mysql replica for Farm and others
 - Much faster than minos-mysql1, which we will shut down
 - Will abandon dbmauto for farm replica, use standard Mysql replication
- SLF5 migration
 - Minos50/51 will upgrade June 16
 - minos-slf4 available long term for fallback and testing
 - minos27 (code build) will belast
- minos-mysql2 (minos-db1) failed to come up Jan 20
 - repaired and upgraded (SFL 5, Mysql 5.1), in service May 19
- Minos-mysql1 data disk failed June 9
 - May not restore - very old and slow
 - minos54 is at SLF5, Mysql 5.1, ready to roll as minos-farmdb

Control Room

- System Management – to be assumed by FEF in place of John Urish
 - As has been done in NovA
 - Drafting the detailed agreement
 - No major changes expected
- ReMote Shift (RMS)
 - Will install in our control room, to replace AFS
 - The policy for remote shifts is still being formulated.
- Control Room Logbook replaced by ECL
 - Migrated on May 23 - no major issues
 - Supports both Services and local passwords
 - Will remove the old CRL interface on July 1.
- Coming soon – 'guest' wireless network outside fnal.gov (toxic pool)

Near Detector Task Force

- Minerva participation is led by Trung Le
 - Calibration
 - Batch processing – talking to Howie and Rashid
 - Data Quality – talking to exports, working on this
 - Data Handling
 - Simulation
 - Code maintenance
 - and more – we are just getting started